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Gastric cancer cell types display distinct proteasome/immunoproteasome patterns associated with migration and resistance to proteasome inhibitors

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SUPPLEMENTARY FIGURES

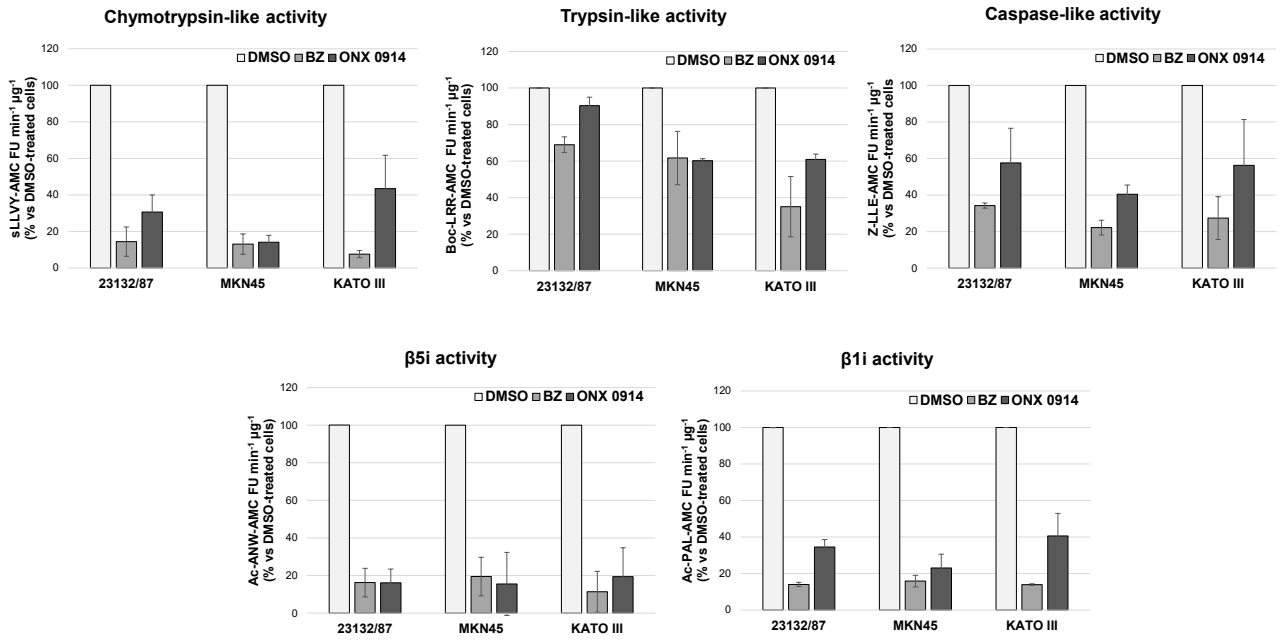

Fig. S1 Proteasome and immunoproteasome activity in cell extracts obtained from cells treated with a toxic dose of BZ (50 nM) or ONX 0914 (500 nM) for 24h. Values are expressed as % of the control value (DMSO). Bars represent the mean ± SD of the values obtained in n=2 independent experiments

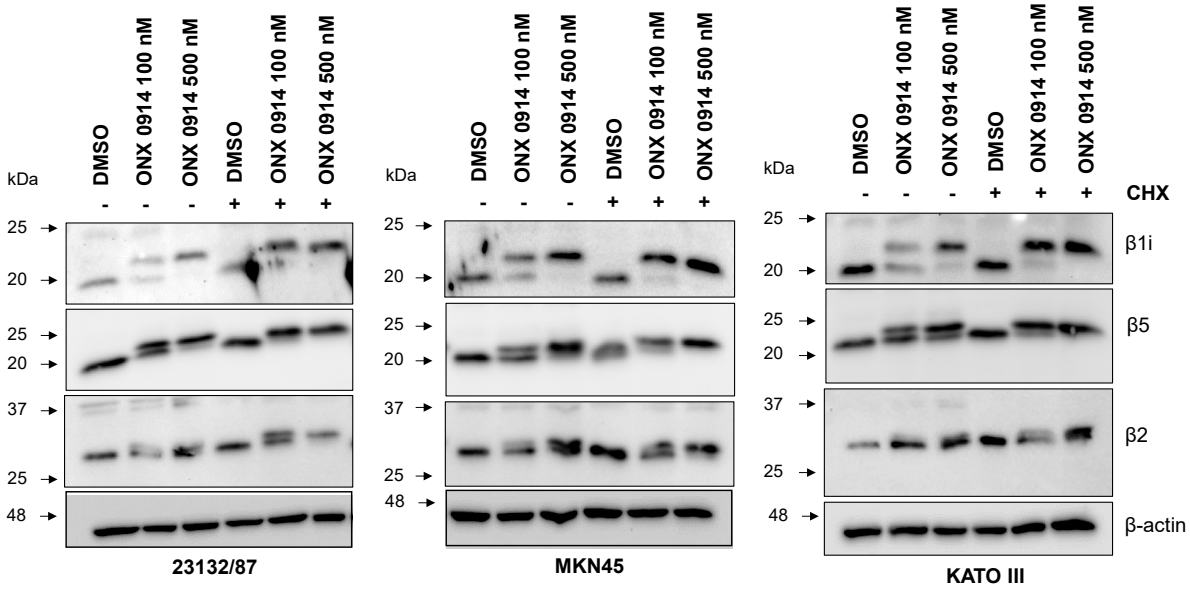

Fig. S2 Western immunoblotting analysis of cell extracts treated with ONX 0914 in the absence and presence of 50 µg/ml CHX for 16h

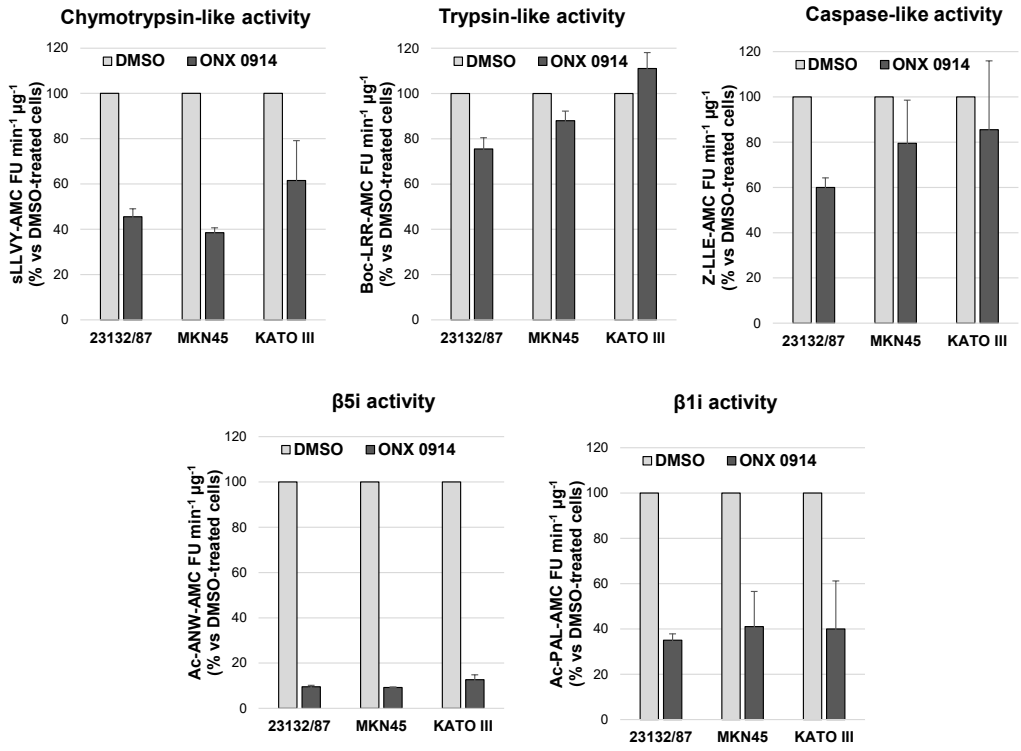

Fig. S3 Proteasome and immunoproteasome activity in cell-free extracts obtained from cells treated for 24h with a non-toxic dose of ONX 0914 (100 nM). Values are expressed as % of the control value (DMSO). Bars represent the mean ± SD of the values obtained in n=2 independent experiments

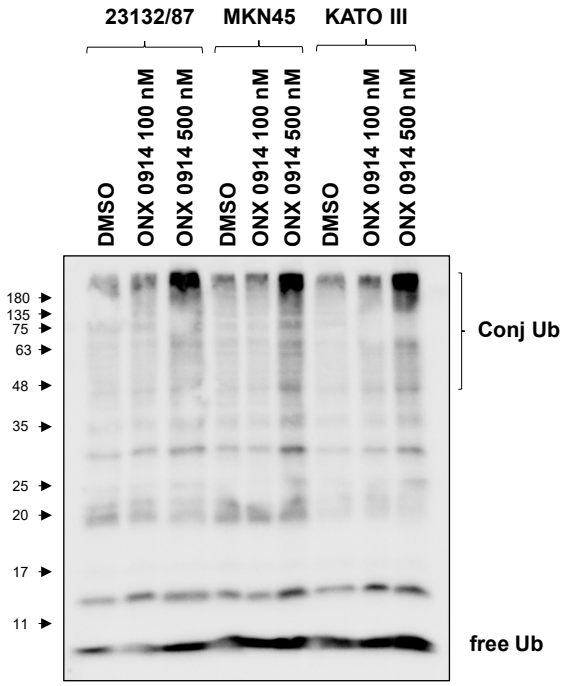

Fig. S4 Ubiquitin and Ub-conjugated proteins in ONX 0914-treated GC cells. Whole cell extracts (5 µg) were resolved on a 13% (w/v) polyacrylamide gel and immunoblotted with an antibody against ubiquitin (Ub). On the left, arrows indicate the position of molecular weight markers